Mekeo language

Mekeo is a language spoken in <u>Papua New Guinea</u> and had 19,000 speakers in 2003. It is an <u>Oceanic language</u> of the <u>Papuan Tip Linkage</u>. The two major villages that the language is spoken in are located in the <u>Central Province</u> of Papua New Guinea. These are named Ongofoina and Inauaisa. The language is also broken up into four <u>dialects</u>: East Mekeo; North West Mekeo; West Mekeo and North Mekeo. The <u>standard dialect</u> is East Mekeo. This main dialect is addressed throughout the article. In addition, there are at least two Mekeo-based pidgins.

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Mel	keo
Native to	Papua New Guinea
Region	Central Province
Native speakers	19,000 (2003) ^[1]
Language family	Austronesian
	Malayo- Polynesian
	Oceanic
	Western Oceanic
	■ Papuan Tip
	Central Papuan Tip
	Mekeo
Languag	je codes
ISO 639-3	mek
Glottolog	meke1243 (htt
	p://glottolog.o
	rg/resource/lan
	guoid/id/meke12 43) ^[2]

Phonology

Mekeo employs a relatively simple system of phonology which consists of 10 consonants and 5 vowels. The following tables identify both the consonants and vowels present in Mekeo.

Consonants

	Bilabial	Linguolabial	Alveolar	Velar	Glottal
Plosive	р		t	k	?
Nasal	m	n		ŋ	
Fricative		f	S		
Lateral			I		

Note that the table above displays the range of consonants used in East Mekeo which is classified as the standard dialect. North West Mekeo, West Mekeo and North Mekeo each have slightly different consonants included in their dialects. [6]:559[5]:9

Vowels

Mekeo has five vowels, shown on the table below:

	Front, Unrounded	Central, Unrounded	Back, Rounded
Close	i		u
Mid	е		0
Open		a	

Morphology

Pronouns and Person Markers

In Mekeo, <u>personal pronouns</u> primarily refer to humans, however the <u>third person</u> forms can also be used for animals and other objects as well. Mekeo uses a range of different pronouns for different situations. The following table shows all the main personal pronouns for East Mekeo. This includes <u>unmarked</u>, emphatic and <u>reflexive</u> personal pronouns. Note, that the emphatic pronouns are not common in East Mekeo as they compete with another more common <u>topicaliser</u>, *au-ŋa*. For example, the preferred form for the first person singular would be *lau- au-ŋa*. [6]:148 In the following table, 1, 2 and 3 indicate the person, SG and PL indicate whether the example is singular or plural and I and E stand for inclusive and exclusive.

	Unmarked	Emphatic	Reflexive
1SG	lau	lau-ŋa	?ifo-u
2SG	oi	oi-ŋa	?ifo-mu/?ifō
3SG	isa	isa-ŋa	?ifo-ŋa/?ifo-ŋa-mo
1PL.I	i?a/isa	i?-ŋa/isa-ŋa	?ifo-?a
1PL.E	lai	lai-ŋa	?ifo-mai
2PL	oi	oi-ŋa	?ifo-mi
3PL	isa	isa-ŋa	?ifo-i/?ifo-?i

Examples

The following examples demonstrate the use of some of the above personal pronouns in context. [6]:149, 155

E-7ifo 3sg-self S/he is one of a kind	(East Mekeo) d.		
Maa-mu Eye- <u>2sg</u> lopia-ŋa	umu charcoal (East Mekeo)	koà likeness	
beautiful Your eyes are beaut	iful, like charcoal.		
Oi, 2sg	<i>nao</i> European	koa, likeness	
ioi-mu same- <u>2s</u> g	(East Mekeo)		
You are like a Europ	oean.		
<i>ia</i> elsewhere	e-lao <u>3s</u> g-go	<i>afu</i> place	
ioi-na different- <u>3sc</u>	<i>e-lao</i> <u>3sc</u> -go	(East Mekeo)	
He has gone elsewh			

Grammar

Possessive Constructions

Possession in Mekeo has two morpho-syntactic distinctions: direct or indirect constructions. Direct possession concerns kinship relations and 'part of a whole relations' and these kind of relations are cultural in origin. Indirect possession covers a more general possession of alienable property.

Direct Possession

Direct possession relies on relational terms that often form closed subsystems such as kinship terms. In Mekeo, the two relation terms involved in each equation are joined by another term that operates like a transitive verb. The third term is the 'relator' and must be marked for agreement with one of the other terms in the equation. The relator follows the subject and/or the object. The relator is marked for the person and number of the second term or the object. [6]:195

5 <u>SUBJECT</u> <u>OBJECT</u> <u>RELATOR</u>
Isa lau ama-u
s/he I father-<u>1sc</u>
(East Mekeo)

He is my father.

Indirect Possession

Expressing alienable possession in Mekeo requires the prefix E- and its various realisations (including zero). This morpheme is then optionally preceded by a free or bound pronoun and then the compulsory suffixed by a pronominal suffix which indicates the person and number of the possessor. $^{[6]:208-210}$

6 Eŋa ʔi-na lau e-u
that I POSS-1SG
fo ʔama (East Mekeo)
food
That is my (vegetable) food.

The negative is expressed with negators maini, aibaia and laa'i:

7 E-u fo ?ama laa'i
POSS-1SG food not
(East Mekeo)

I have no food

The following is an example of an alternation of the cliticisation process:

8 Ina 7ina auga i 7a
this TOPIC we.I

7a e 7a
POSS_1PL.I house
This one is our house

Another morpheme to express possession is the location pronoun KE- (realised as ke or ?e). This pronoun expresses location or place:

9	Ke-u-ai Lo <u>c-1sg-obl</u>	<i>pokama</i> food	mako much
	(West Mekeo)		
	I have lots of food.		

Negation

Mekeo expresses <u>negation</u> in three ways:^{[6]:219,234}

- through the negative particle a 'i, which negates nominal predicates;
- through existential negators, which differ between dialects; and
- through a negative verb prefix, which negates verbal predicates.

This three-way functional distinction between different types of negation is typical of <u>Oceanic</u> languages.^[7]:17

Nominal Negation

Nominal <u>predicates</u> (which consist of one or more <u>nominals</u>) are negated in two ways — through either the negative particle or proclitic a'i, or through existential negator particles.

The negative particle a'i is found in all dialects of Mekeo, with $\langle ' \rangle$ pronounced as either a weak <u>glottal</u> <u>stop</u> or slight pause most dialects, or even not at all (/ai/) in East Mekeo. [6]:175[note 1] A'i negates a nominal predicate as seen in examples 10 and 11:

10	A'i <u>NEG</u> (It is) not fat! ^{[6]:175}	o ?o! fat	(West Mekeo)
11	Tsi tea (East Mekeo) The tea is unsweet! ^{[6]:219}	a'i <u>NEG</u>	mekia-ŋa sweet- <u>ASS</u>

A'i also occurs as a <u>proclitic</u> particle before <u>nominals</u>, as seen in examples 12 and 13. In this case is functions similar to the English prefixes 'non-' or 'un-'. [6]:175

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12 Ai-ofu fa-mia (East Mekeo)

NEG-dirt OBLG 1sG-become

I would like to be spotless. [6]:175
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13	E-mu <u>poss</u> -2sg	ŋope fast	a'i-fou-ŋa <u>neg</u> -public- <u>3sg</u>
	<i>ŋa-mia</i> <u>ıмр.3sg</u> -become	(East Mekeo)	
	Don't let your fast be pu	ıblic knowledge. ^{[6]:175}	

All four dialects of Mekeo have existential negators: *maini* in North-West Mekeo, *aibaia* or *aibaiaa* in West Mekeo, *aibaia* or *aibaiaa* in North Mekeo, and *laa 'i* in East Mekeo. The existential negators are sentence-final <u>predicates</u> — where a verb would otherwise be — and express denial of the existence, presence or identity of the preceding nominal predicate. [note 2] Examples 14 to 17 show the existential negator of each dialect. [6]:175,220

In both West Mekeo and Northern Mekeo, *aibaia* can be analyzed as a compound of *a'i* 'not' and *baia* 'mere'. These two dialects also have an <u>intrusive consonant</u>, so *aibaia* is often <u>realised</u> as /aibaida/ in West Mekeo and /aibaiza/ in North Mekeo. [6]:175

14	Agaoā spouse.3sg He has no wife. (lit. Wif	<i>maini</i> not fe.his not.) ^{[6]:175}	(North-West Mekeo)
15	Gaba-alaka thing-one It doesn't matter. (lit. Th	<i>aibaia</i> not ere is nothing.) ^{[6]:175}	(West Mekeo)
16	Tsuga sugar There is no sugar. ^{[6]:175}	aibaiza not	(North Mekeo)
17	Ava some(-thing) It doesn't matter. (lit. It	<i>laa'i.</i> not is nothing.) ^{[6]:175}	(East Mekeo)

The existential negators can also function similarly to a'i, so examples 13 and 15 above could alternatively be read as "She is not his wife" (or "He is not her husband") and "This is not sugar" respectively. [6]:176

Verbal Negation

Verbal predicates (which consist of a verb word^[note 3] and its arguments) in Mekeo are negated by a negator <u>prefix</u> attached to the predicate's verb word. Within the verb word, the negator prefix is found between tense-aspect-mood prefixes and the subject marker, with an <u>intrusive consonant</u> before the subject marker in some dialects. This negator prefix negates the entire verbal predicate. [6]:225-226,234-235 The position of the negator prefix between the tense-aspect-mood prefixes and the verb base is generally common in Oceanic languages. [8]:51

Example 18 shows the position of the negator prefix in the North Mekeo expression *Fázobálifúa!* "Don't spill it!":

Fázobálifúa <i>F</i> -	ai-	Z-	
OBLG-	<u>NEG</u> -	<u>B</u> -	
O-	ba-	lifu	
<u>2sg-</u>	<u>ca</u> -	wrong	
-Ø-	-Ø-	-a	
TH	- <u>P.F.</u>	- <u>3s</u> G	
(North Mek	eo)		
Don't spill it	<u>!</u> [6]:226		

Examples 19 to 22 show the negator prefix in all four Mekeo dialects. Jones tentatively reconstructs the negator prefix in Proto-Mekeo as */a?i/, cognate with \underline{Motu} asi and both descended from Proto-Central-Papuan */ati/. [6]:234,235

19	A-e-io. <u>NEG-3SG-go</u> (S)he has not gone. [6]:235	(North-West Mekeo)
20	Ai-j-i-ao. <u>NEG-B-3sG</u> -go (S)he has not gone. [6]:235	(West Mekeo)
21	Ai-z-e-ao. <u>NEG-B-3sG</u> -go (S)he has not gone. [6]:235	(East Mekeo)
22	A-e-lao. NEG-3sG-go (S)he has not gone. [6]:235	(North Mekeo)

In North-West Mekeo, the existential negator maini (see example 14) also occurs before some verbs to negate them in either the <u>past tense</u> or in the <u>prohibitive</u> mood. This occurs in addition to the regular negative prefix ae-, creating a <u>double negative</u>, as seen in example 23. Jones suggests that this may be to reduce ambiguity where the prefix ae- has otherwise <u>assimilated</u> with the verb stem; other dialects have an intrusive consonant between the negator prefix and verb stem, as shown in example 24 from West Mekeo. [6]:574,578

23	maini not I didn't go. ^{[6]:574}	<i>ae-a-io</i> <u>neg-1sg</u> -go	(North-West Mekeo)
24	<i>ai-d-ao</i> <u>NEG-B-1sG</u> .go I didn't go. ^{[6]:578}	(West Mekeo)	

Trade language

Jones (1996) reports two forms of pidgin Mekeo used for trade: the *Imunga Trade Language* and the *Ioi Trade Jargon*.^[11]

Notes

- 1. Jones (1998) only attempts a rough phonemic transcription of this particle, but does record this variation between dialects.
- 2. See Mosel (1999) for an explanation of the interpretation of the term 'denial' in this context.
- 3. Jones (1998) notes that while a Mekeo verb and its various affixes have traditionally been referred to as a 'verb phrase', this construction is more accurately called a "verb word".

External links

- OLAC has a list of resources in and about the Mekeo language (http://www.language-archives.org/language/mek)
- Paradisec has a number of collections that include Mekeo language materials (http://catalog.paradisec.org.au/collections/search?language code=mek)

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Imunga Trade Language				
Native speakers	None			
Language family	Mekeo-based pidgin			
Language codes				
ISO 639-3	None (mis)			
Glottolog	imun1234 (htt			
	p://glottolog.o			
	rg/resource/lan			
	guoid/id/imun12 34) ^[9]			

loi Trade Jargon				
Native speakers	None			
Language family	Mekeo-based pidgin			
Language codes				
ISO 639-3	None (mis)			
Glottolog	ioit1234 (htt p://glottolog.o rg/resource/lan guoid/id/ioit12 34) ^[10]			

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- 11. Jones, Alan A. (1996). "Privately owned Mekeo-based trade languages". In <u>Wurm, Stephen Adolphe</u>; Mühlhäusler, Peter; <u>Tryon, Darrell T.</u> (eds.). *Atlas of languages of intercultural communication in the Pacific, Asia and the Americas*. Berlin: Mouton de Gruyter. pp. 219–224. ISBN 3110134179.

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